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(71) Applicant(s)

**News Datacom Limited** (Incorporated in the United Kingdom) 1 Heathrow Boulevard, 286 Bath Road, WEST DRAYTON, Middx, UB7 0DQ, United Kingdom

(72) Inventor(s)

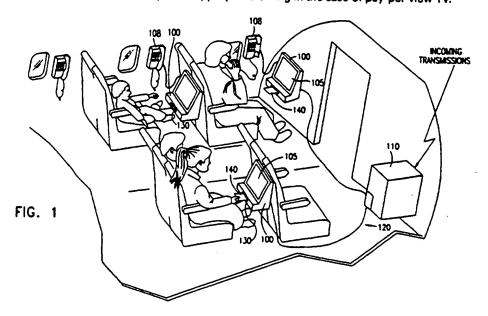
**Yossef Tsuria** Amir Ellet **David Zviel** Doron Handelman

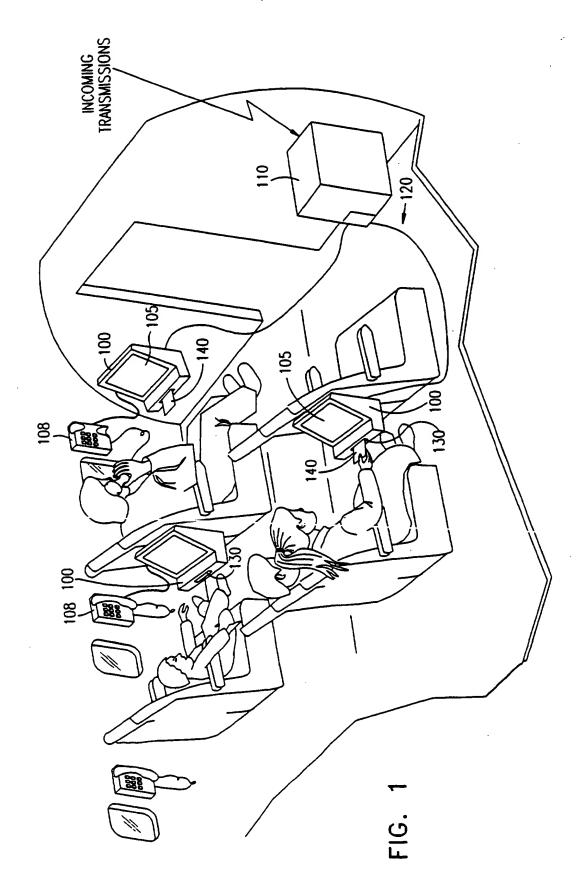
(74) Agent and/or Address for Service Reginald W Barker & Co Chancery House, 53-64 Chancery Lane, LONDON, WC2A 1QU, United Kingdom

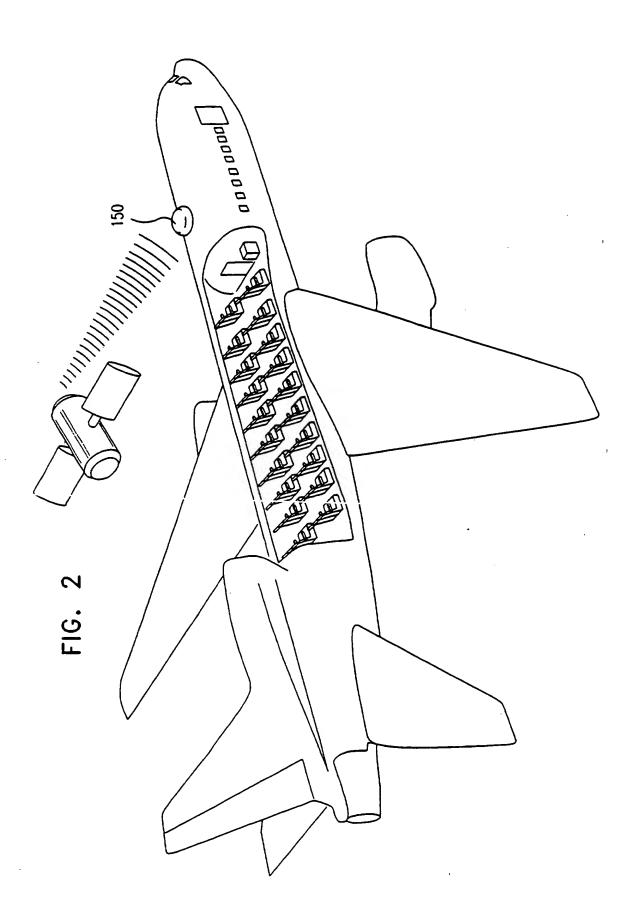
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#### (54) Abstract Title **Entertainment system**

(57) An entertainment system distributes entertainment to a plurality of entertainment delivery units 100 at least one which includes personalization apparatus 130 adapted to receive a removable personalization element 140 including personalization information to personalize the entertainment, and the personalization information includes at least one of: entertainment preference information; gaming information; and telecommunications information. Parent-child supervision is possible. One unit 100 can indicate presence of a particular person at another. The system can receive the entertainment from a series of satellites in turn, using respective reception parameters, switching over according to position or comparison of signal qualities. Availability of a future programme may be predicted from a prediction of future position. Programme or channel identification codes received permit appropriate billing in the case of pay-per-view TV.







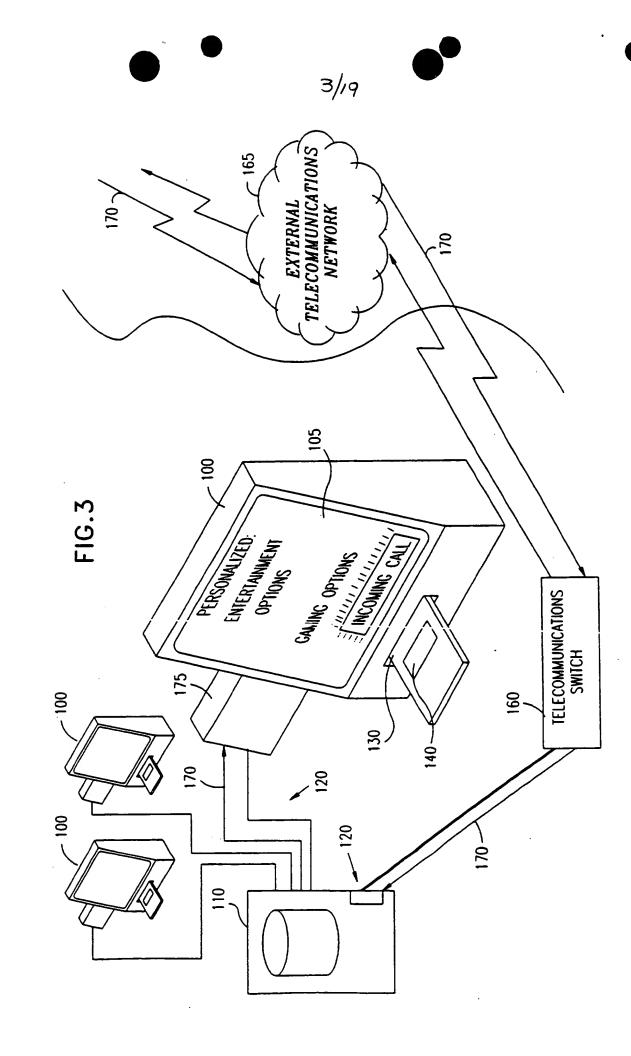
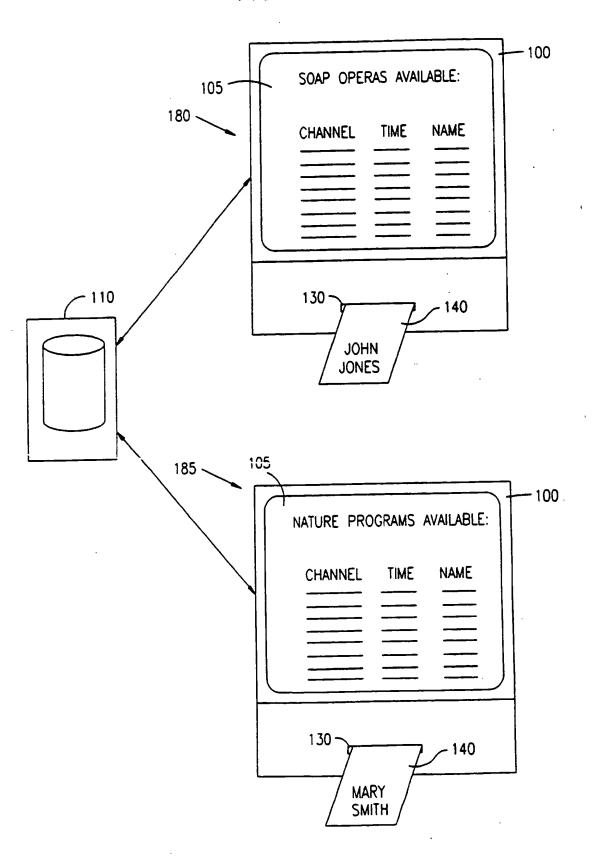
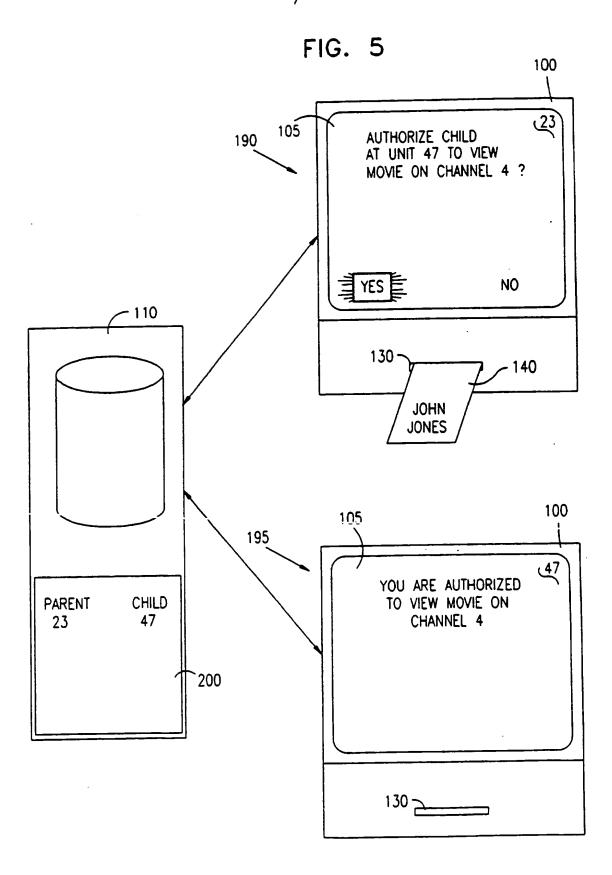
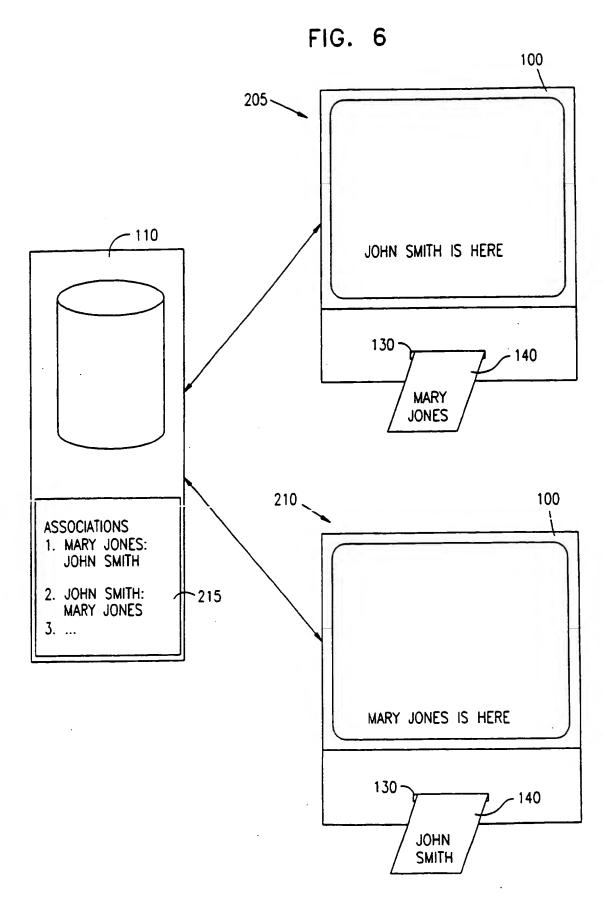
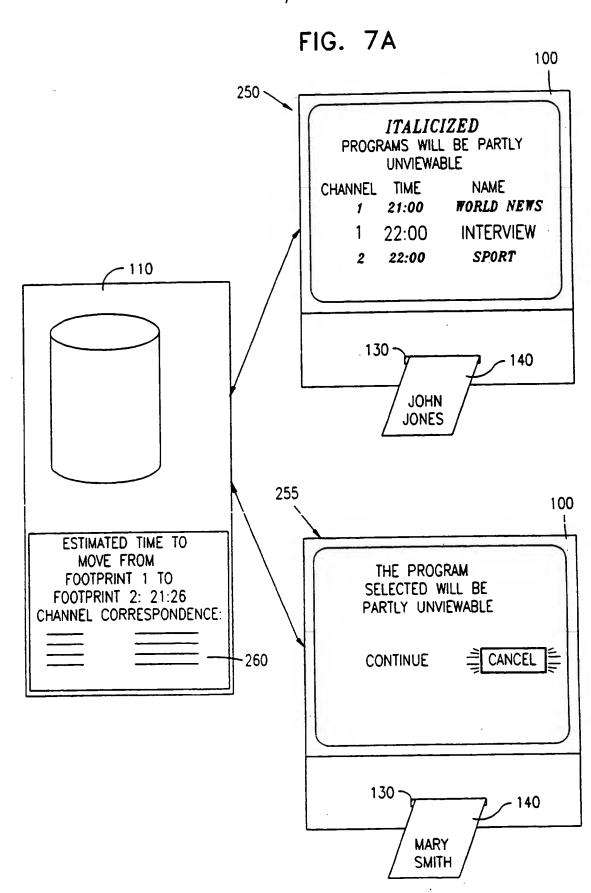


FIG. 4









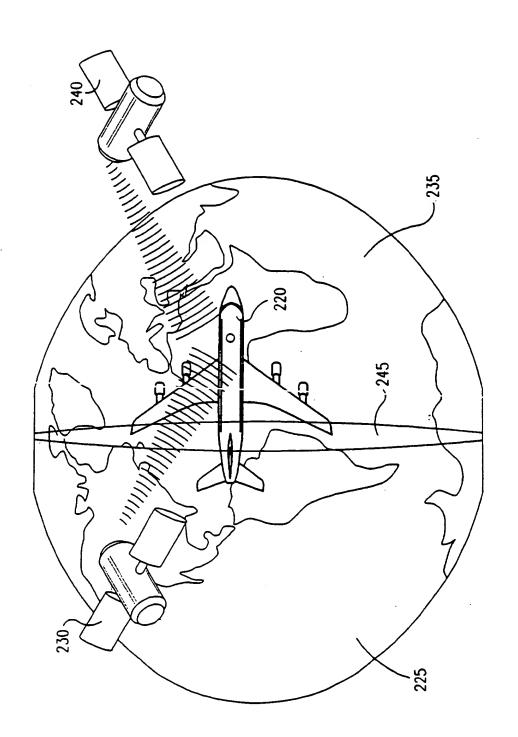
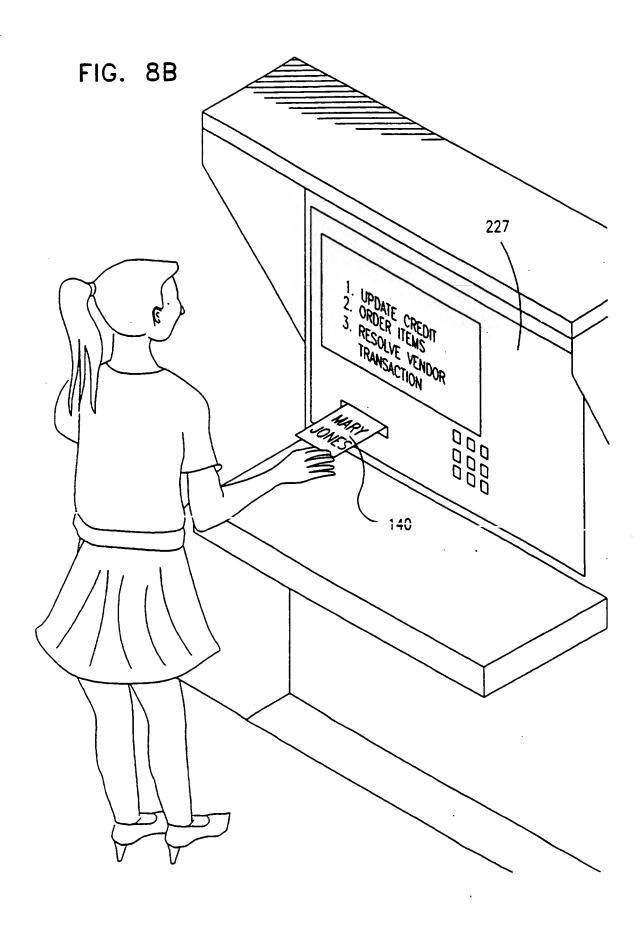


FIG. 7B



#### FIG. 8A

PROVIDE REMOVABLE PERSONALIZATION ELEMENT

LOAD PERSONALIZATION INFORMATION
(INCLUDING AT LEAST ONE OF
ENTERTAINMENT PREFERENCE
INFORMATION, GAMING INFORMATION,
AND TELECOMMUNICATIONS INFORMATION)
INTO PERSONALIZATION ELEMENT

PLACE THE REMOVABLE PERSONALIZATION
ELEMENT INTO REMOVABLE OPERATIVE
ENGAGEMENT WITH ENTERTAINMENT
DELIVERY UNIT

#### FIG. 8C

PLACE THE REMOVABLE PERSONALIZATION
ELEMENT INTO REMOVABLE OPERATIVE
ENGAGEMENT WITH AN INTERACTIVE TERMINAL

VARY THE BEHAVIOR OF THE INTERACTIVE TERMINAL

FIG. 9

UPDATE CREDIT INFORMATION

RESOLVE A MONETARY TRANSACTION

FIG. 10A

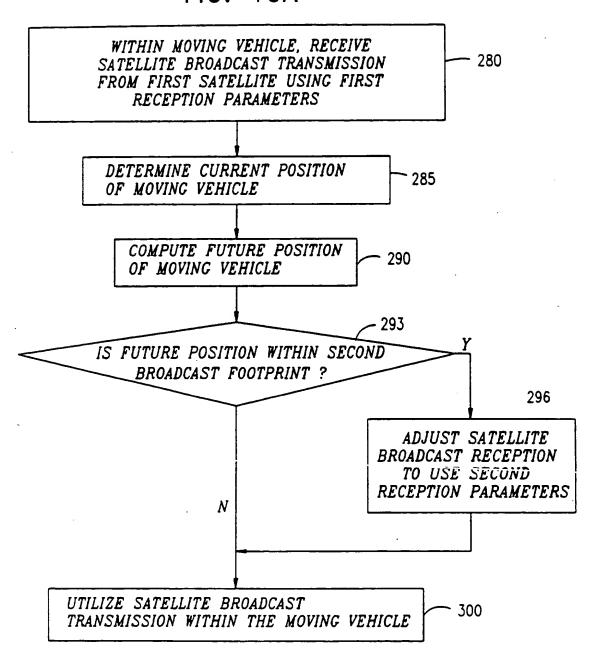
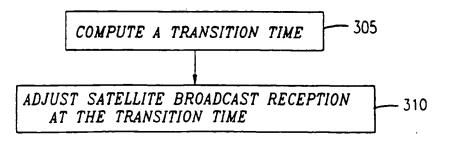
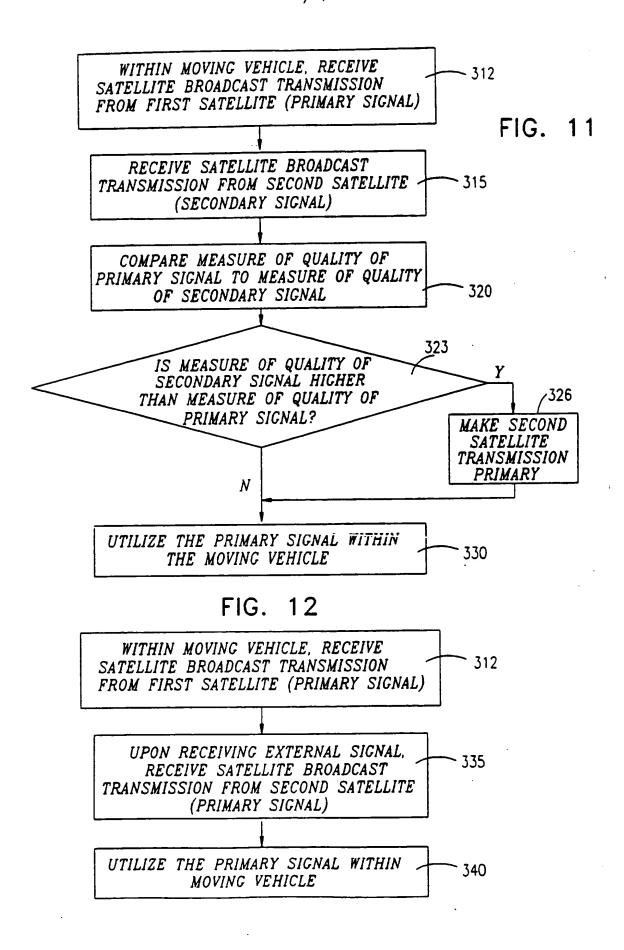


FIG. 10B





### FIG. 13

RECEIVE SATELLITE BROADCAST 345 TRANSMISSION WITHIN MOVING VEHICLE 350 DETERMINE CURRENT POSITION OF MOVING VEHICLE COMPUTE FUTURE POSITION OF 355 MOVING VEHICLE AT A CRITICAL PROGRAM TIME AND DETERMINE WHETHER FUTURE POSITION IS WITHIN SATELLITE BROADCAST FOOTPRINT PROVIDE ENTERTAINMENT CHANNEL TO 360 PASSENGER OF MOVING VEHICLE BASED ON RESULT OF PREVIOUS STEP (OPTIONAL) PROVIDE ELECTRONIC PROGRAM 365 GUIDE INCLUDING AT LEAST ONE OF: INDICATION OF PRESENT CHANNEL AVAILABILITY: INDICATION OF FUTURE CHANNEL AVAILABILITY; ONLY CHANNELS WHICH WILL BE AVAILABLE AT CRITICAL TIME

#### FIG. 14

PLACE A REMOVABLE PERSONALIZATION APPARATUS IN OPERATIVE ENGAGEMENT WITH A FIRST PERSONALIZATION ELEMENT IN A FIRST ENTERTAINMENT DELIVERY UNIT

PROVIDE ENTERTAINMENT AT A SECOND ENTERTAINMENT DELIVERY UNIT BASED ON INFORMATION RECEIVED FROM THE FIRST ENTERTAINMENT DELIVERY UNIT

370

375

14/19

# FIG. 15

FOR USE WITHIN A MOVING VEHICLE, ASSIGN
FIRST AND SECOND PROGRAM
INDICATION CODES, CORRESPONDING TO
TRANSMISSION WITHIN THE BROADCAST
FOOTPRINTS OF A FIRST AND SECOND
SATELLITE RESPECTIVELY, TO A PROGRAM

380

EMPLOY THE FIRST PROGRAM
IDENTIFICATION CODE TO GENERATE
BILLING INFORMATION FOR A FIRST VENDOR
WHEN THE MOVING VEHICLE IS WITHIN THE
FIRST FOOTPRINT

385

EMPLOY THE SECOND PROGRAM
IDENTIFICATION CODE TO GENERATE
BILLING INFORMATION FOR A SECOND
VENDOR WHEN THE MOVING VEHICLE IS
WITHIN THE SECOND FOOTPRINT

390

#### FIG. 16A

FOR USE WITHIN A MOVING VEHICLE, ASSIGN
FIRST AND SECOND CHANNEL
IDENTIFICATION CODES, CORRESPONDING TO
TRANSMISSION WITHIN THE BROADCAST
FOOTPRINTS OF A FIRST AND SECOND
SATELLITE RESPECTIVELY, TO A CHANNEL

395

RECEIVE A SATELLITE BROADCAST
TRANSMISSION FROM THE FIRST SATELLITE
WHEN THE VEHICLE IS WITHIN THE FIRST
BROADCAST FOOTPRINT AND FROM THE
SECOND SATELLITE WHEN THE VEHICLE IS IN
THE SECOND BROADCAST FOOTPRINT

400

EMPLOY THE FIRST CHANNEL
IDENTIFICATION CODE TO GENERATE
BILLING INFORMATION FOR A FIRST VENDOR
FOR A FIRST TIME PERIOD WHEN SUBSCRIBER
UNIT IS TUNED TO THE CHANNEL WITHIN THE
FIRST FOOTPRINT

405

EMPLOY THE SECOND CHANNEL
IDENTIFICATION CODE TO GENERATE
BILLING INFORMATION FOR A SECOND
VENDOR FOR A SECOND TIME PERIOD WHEN
THE SUBSCRIBER IS TUNED TO THE CHANNEL
WITHIN THE SECOND FOOTPRINT

410

(OPTIONAL)

# FIG. 16B

